## **WEST Search History**

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DATE: Monday, July 12, 2010

Hide? Set Name Query			Hit Count	
	Prior Art			
DB=USPT; $PLUR=YES$ ; $OP=OR$				
	L185	L184 and reoxidized	0	
	L184	L183 and maleimide	8	
	L183	L168 and tetrathionate	11	
	L182	L168 and dithiodipyridine	0	
$\mathbf{m}$	L181	L180 and dithiodipyridine	0	
	L180	L179 not @ay>2004	3	
	L179	L177 and (nitrobenzoic)adj(acid)	3	
1	L178	L177 and (iodosobenzoic)adj(acid)	0	
	L177	L176 and DTT	8	
	L176	L175 and maleimide	24	
1	L175	L174 and antibod?	36	
	L174	L165 and (interchain)adj(disulfide)	37	
$\mathbf{m}$	L173	L172 and (interchain)adj(disulfide)	0	
	L172	L171 not @ay>2004	3	
	L171	L170 and (thiol)adj(specific)	3	
1	L170	L168 and oxidation	81	
	L169	L168 and (partially)same(reoxidized)	0	
<b>1</b>	L168	L167 and (reducing)adj(agent)	139	
1	L167	L166 and antibod?	518	
	L166	L165 and conjugat\$3	546	
	L165	424/1.49,1.53,1.78,530/391.1,391.5,391.7,405,408,412,413.ccls.	914	
DB=	PGPB, U	SPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u> </u>	L164	L163 and (interchain)same(disulfide)adj(bond)	2	
	L163	L162 and (cysteine)adj(thiols)	2	
1	L162	L161 not @ay>2004	7	
	L161	L158 and (partially)adj(reduced)adj(antibod?)	21	
	L160	L159 not @ay>2004	0	
,	L159	L158 and (reoxidized)adj(antibod?)	12	
	L158	(drug)same(conjugation)	8708	
	L157	L152 and (iodosobenzoic)adj(acid)	0	

	L156	L153 and dithiodipyridine	0
<b></b>	L155	L153 and DNTB	0
	L154	L153 and air	0
	L153	L152 not @ay>2004	5
	L152	L151 and reoxidation	10
	L151	L149 and DTT	256
<b></b>	L150	L149 and (excess)adj(reducing)adj(agent)same(DTT)same(TCEP)	0
	L149	L148 and (interchain)adj(disulfide)adj(bond)	616
	L148	(crosslinking)same(antibod?)	6600
	L147	L146 not @ay>2004	7
	L146	L145 and (interchain)adj(disulfide)adj(bond)	14
1	L145	(thiol)same(site)adj(specific)adj(conjugation)	56
	L144	L143 and drug	0
	L143	L141 and toxin	7
	L142	L141 and conjugate	0
	L141	L140 and antibod?	7
	L140	L139 not @ay>2004	10
<b></b>	L139	L138 and (DTNB)	10
	L138	L137 and air	27
	L137	L136 and DTT	30
1	L136	L135 and (reduced)adj(thiols)	30
	L135	L133 and reoxidation	779
<u> </u>	L134	L133 and (reoxidation)same(reduced)adj(thiols)	0
	L133	antibody	391991
	L132	L131 and reoxidation	0
	L131	L130 and (fully)adj(reduced)same(excess)adj(reducing)adj(agent)	10
	L130	antibody	391991
	L129	L128 not @ay>2004	0
	L128	L127 and (oxidizing)adj(agent)	14
	L127	L126 and reoxidation	15
	L126	L125 and (excess)same(dithiothreitol)same(DTT)	69
	L125	L124 and (reduction)same(disulfide)adj(bonds)	415
	L124	(Thiol)same(conjugation)	3938
	L123	L122 and oxidation	2
	L122	L120 and dithiothreitol	3
	L121	L120 and (reduced)adj(antibod?)	2
	L120	(antibody) same (thiol) adj (specific) same (conjugation)	19
DB=PGPB; $PLUR=YES$ ; $OP=OR$			

	L119	20090010945	1
DB=	USPT; P	PLUR = YES; OP = OR	
	L118	5247119.pn.	1
	L117	5612016.pn.	1
DB=	PGPB,U	SPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR	
	L116	L115 not @ay>2004	4
	L115	L114 and maleimide	12
	L114	L92 and TCEP	24
	L113	L112 and (molar)adj(equvilant)same(oxidizing)adj(agent)	0
	L112	L110 and cooling	2
	L111	L110 and (lower)adj(temperature)	0
1	L110	L106 and (purifying)same(reduced)adj(antibod?)	3
	L109	L108 and (partially)adj(reoxid\$3)	0
	L108	L106 and (fully)adj(reduced)adj(antibod?)	2
1	L107	L106 and (37)adj(C)same(30)adj(minutes)	0
	L106	(excess)adj(reducing)adj(agent)same(antibod?)	43
	L105	L102 and dithiodipyridine	2
	L104	L102 nad dithiodipyridine	23223
	L103	L102 and reoxidizing	0
	L102	L101 not @ay>2004	39
	L101	(partially)same(conjugated)adj(antibod?)	66
	L100	L99 not @ay>2004	0
}	L99	(partially)adj(reoxidized)same(antibod?)	4
	L98	(fully)adj(reduced)adj(antibod?)	2
	L97	L92 and (fully)adj(reduced)adj(antibod?)	0
	L96	L95 and (reduced)adj(antibod?)	0
$\square$	L95	L94 not @ay>2004	3
	L94	L93 and reoxidized	5
	L93	L92 and (fully)adj(reduced)	7
	L92	L91 and drug	480
}	L91	L90 and antibod?	497
	L90	L89 and conjugation	558
	L89	L88 and stoichiometry	2336
	L88	L87 and alkylation	52415
$\square$	L87	reduction	2477470
	L86	L85 and alkylation	1
	L85	L84 and reduction	4
	L84	L79 and (stoichiometry)same(conjugation)	7

L82 L79 and (cysteine)adj(remain) L81 L79 and (cysteine)adj(thiols)adj(remain)	15 0 0
	0
L80 L79 and fully-reduced	
L79 L77 and DDT	1027
L78 L77 and (DDT)same(TCEP)	0
L77 (conjugat\$3)same(antibod?)	99186
L76 L75 not @ay>2004	0
L75 L73 and (partially)same(reoxidized)adj(antibod?)	9
L74 L73 and (incomplete)same(oxidized)adj(antibod?)	0
L73 L72 and drug	139
L72 L71 and linker	139
L71 L70 and maleimide	139
L70 valine-citrulline	176
L69 maleimidocaproyl-valine-citruline	1
L68 (partially)adj(reoxidized)adj(antibod?)	2
L67 L65 and (reoxidized)adj(antibod?)	2
L66 L65 and (about)adj(0)adj(C)	1
L65 (molar)adj(equivalent)same(oxidizing)adj(agent)	685
L64 L63 and (fully)same(completely)same(reduced)adj(antibod?)	0
L63 L62 and cytotoxic	521
L62 L61 and maleimide	1035
L61 L60 and antibod?	3431
L60 (nitrobenzoic)adj(acid)	13578
L59 L58 not @ay>2004	3
L58 L53 and (four)adj(drugs)same(per)adj(antibod?)	8
L57 L53 and (six)adj(drugs)same(per)adj(antibod?)	0
L56 L53 and (six)adj(drug)same(per)adj(antibod?)	0
L55 L54 not @ay>2004	2
L54 L53 and (8)adj(drug)same(per)adj(antibody)	20
L53 (conjugated)same(antibod?)	75837
L52 L51 and (5)adj(5')adj(dithio-bisnitrobenzoid)adj(acid)	0
L51 L50 and (oxidizing)adj(agent)	8629
L50 antibod?	325987
L49 L48 not @ay>2004	0
L48 (partially)same(reoxidized)adj(antibod?)	10
L47 (fully)adj(reduced)adj(antibod?)	2

	L46	L45 not @ay>2010	6
1	L45	L43 and (partially)same(reoxidized)	6
	L44	L43 and (interchain)adj(thiol)	1
	L43	L41 and maleimide	69
	L42	L41 and (reoxidizing)same(oxidizing)same(partially)	2
	L41	(fully)same(reducing)same(antibod?)	456
	L40	L37 and (interchain)adj(thiol)	0
	L39	L38 not @ay>2004	0
	L38	L37 and (partial)same(reoxidation)	11
	L37	L32 and (site)adj(specific)same(conjugation)	156
	L36	L35 and (oxidizing)adj(agent)	1
	L35	L34 and (cool\$3)same(0)adj(C)	8
	L34	L31 and (excess)same(reducing)adj(agent)	1376
	L33	L32 and (molar)adj(equivalent)same(oxidizing)adj(agent)	1
	L32	L31 and (reduced)same(DTT)	4377
	L31	antibod?	325987
	L30	L29 and (antibody)adj(conjugate)	0
	L29	L28 not @ay>2004	3
	L28	L27 and DTNB	4
	L27	L26 and reoxidize	5
	L26	L25 and DTT	18
	L25	(full)adj(reduction)	519
	L24	(full)same(reduction)same(interchain)adj(disulfide)adj(bond)	2
	L23	L19 and reoxidizing	1
	L22	L18 and (partially)adj(reoxidizing)	1
3	L21	L20 and (partially)adj(reoxidized)	2
	L20	L19 and (fully)adj(reduced)	6
	L19	L18 and (conjugated)adj(antibod?)	3607
	L18	(method)same(conjugation)	28446
	L17	L15 and (interchain)adj(disulfide)	8
1	L16	L15 and reoxidizing	2
	L15	L14 and (fully)same(reduced)same(reducing)same(antibod?)	38
	L14	(method)same(conjugat\$3)same(antibod?)	42361
DB=PGPB; $PLUR=YES$ ; $OP=OR$			
	L13	20050232929	1
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=OR			
	L12	L11 and (reducing)adj(agent)	2
	L11	L10 and (method)same(conjugat\$3)same(antibod?)	3

	L10	(alley)adj(stephen)	42
1	L9	L3 and reoxidizing	1
	L8	L7 and (oxidizing)adj(agent)	14
	L7	L6 and (reducing)adj(agent)	22
1	L6	L4 and oxidation	34
	L5	L4 and reoxidization	0
1	L4	L3 and reduction	90
1	L3	(method)same(preparing)same(antibody)adj(conjugate)	151
DB=	PGPB; I	PLUR = YES; OP = OR	
,,,,,,	L2	(antibody)adj(conjugate)same(reoxidation)	9
DB=	USPT; P	PLUR = YES; OP = OR	
	L1	(antibody)adj(conjugate)same(reoxidation)	1
Interfei	rence		
	PGPB, U	SPT, UPAD; PLUR=YES; OP=OR	
	L224	L223 not @ ay $> 2004$	0
	L223	L221 and (reoxidized) adj (antibod ?)	2
1	L222	L221 and (fully) adj (reduced) same (antibod?)	0
	L221	L220 and (antibody) same (conjugate)	847
	L220	424/1.49,1.53,1.78,530/391.1,391.5,391.7,405,408,412,413.ccls.	1631
1	L219	L218 and reoxidized	1
	L218	L216 and antibody	2
1	L217	L216 and conjugate	1
	L216	(sun) adj (michael)	82
1	L215	(torgov) adj (michael)	1
	L214	L213 and (fully) adj (reduced)	1
	L213	L211 and conjugate	3
	L212	L211 and reoxidization	0
1	L211	(alley) adj (stephen)	22
	L210	L205 and (iodosobenzoic) adj (acid)	0
1	L209	L205 and tetrathionate	1
	L208	L205 and dithiodipyridine	0
	L207	L206 not @ ay > 2004	0
,,,,,	L206	L205 and (nitrobenzoic) adj (acid)	16
	L205	L204 and (oxidizing) adj (agent)	23
	L204	L203 and DTT	45
	L203	L202 and (interchain) adj (disulfide)	108
	L202	L201 and antibod?	1085
1	L201	(site) adj (specific) same (conjugation)	1266

DB=USPT; $PLUR=YES$ ; $OP=OR$			
1	L200	6214345.pn.	1
DB=	=PGPB,U	VSPT, UPAD; PLUR=YES; OP=OR	
	L199	L197 and AC10	8
	L198	L197 and MC-val-cit-MMAF	0
	L197	L196 and (paraacetyl) adj (benzoic) adj (acid)	42
	L196	auristatin	1377
	L195	L194 not @ ay > 2004	0
	L194	L193 and (oxidizing) adj (agent)	14
	L193	L191 and (excess) same (reducing) adj (agent)	37
	L192	L191 and (interchain) adj (thiol)	1
	L191	L190 and (cysteine) adj (thiol)	194
	L190	(antibod ?) same (conjugation)	19859
	L189	L187 and (interchain) adj (thiol)	1
1	L188	L187 and (interchain) adj (thiols)	1
	L187	L186 and antibod?	364
	L186	reoxidized	3139

END OF SEARCH HISTORY